



Claims:

What I claim as my invention is:

1. A food and drink order automation system used by the restaurant wait, kitchen and bar staff, said food order automation system comprising:
  - a. Programmed one or more PDA handheld units: The wireless units are used by the wait staff. As prescribed in Claim 1.
  - b. A wireless network linked to the existing network server. The wireless network is the middleware between the existing/non-existing restaurant server and the remote PDA handheld devices. Order data transmissions and corresponding notifications to the PDA handheld units go through the wireless network. As prescribed in Claim 1.
  - c. All programming codes written in C, C ++, Java and/or MS Visual Basic used for interfaces between PDA handheld unit(s) and wireless network prescribed in item 1a and 1b above. As prescribed in Claim 1.
  - d. All programming codes written in C, C ++, Java and/or MS Visual Basic supporting the communication backbone used in the Food and Drink Order Automation system. As prescribed in Claim 1.
  - e. All programming codes written in C, C ++, Java and/or MS Visual Basic used for reporting and storing food/drink order entries, This includes database tables, queries, methods and database update programming. As prescribed in Claim 1.
  - f. All security programming codes written in C, C ++, Java and/or MS Visual Basic used for protecting against would-be hackers. This includes all database tables, queries and programming methods. As prescribed in Claim 1.
  - g. Graphical user interfaces (GUI) displayed on the PDA handheld device so wait staff can select and place food items. As prescribed in Claim 1.
  - h. Graphical user interfaces displayed on the kitchen, bar and central station screen. If one existed already, the orders submitted by the wait staff will be displayed on the existing GUI. Otherwise the said system is to provide a GUI screen. As prescribed in Claim 1.
  - i. All integration hardware enhancements and/or modifications made to the existing system to accept the Food and Drink Order Automation system as prescribe in Claim 1.